

## 7<sup>th</sup> Grade Science Work

Date	Pre Class (1 <sup>st</sup> Section)	Classwork/ Homework
9/10	Why is it important to be organized in science?	Read pgs 205-206 in your textbook. 1. Write down the definitions of the boldfaced words in your vocabulary section. 2. Compare and contrast these steps to the ones we use for science fair
9/11	What is science to you?	Read The Science World Magazine. Choose 3 Articles to write a summary on (put in HW section). Complete the activities on the back page.
9/12	Why is the scientific method important to scientists?	Complete Scientific Method Questions Worksheet
9/15	1. Why do we put things into groups? 2. What do we usually look at when we decide what group something should go in?	Read Pgs 164-169. Define all vocabulary (in section) and answer the reading checks (in HW section)
9/16	1. What is not true about classification? A. Its done by a taxonomist B. It allows scientist to know about how many species there are C. Its based on different characteristics D. It allows us to know the unique characteristics of a species  Explain Why	Complete the Directed Reading Sheet
9/17	Which is not true about branching diagrams? A. All of the living things listed are related somehow B. The closer one living is to another, the more closely related they are C. The living thing at the top of it has all of the characteristics listed D. They are used to give organisms their name. E. Explain Why	Complete the Quick Lab on Pg 165  Complete Chapter Test A and Section Quiz
9/18	<b><u>True or False- IF False, Fix It</u></b> 1. Linnaeus created the branching diagram. 2. The kingdom group contains the most members 3. The species group members have the least in common. 4. Every living thing belongs to only one of the seven classification categories	Use the first letter from each of the Seven Levels of Classification (Kingdom, Phylum, Class, Order Family Genus Species) to create a study device to help you remember the order.  Ex. <b>Keep Philly Clean Of Filth, Graffiti, Sewage</b>  Complete The Interpreting graphics-Taxonomy Worksheet (use the chart that follows the sheet)

9/19	<p>1.The primary function of a dichotomous key is to</p> <ol style="list-style-type: none"> <li>Classify an organism</li> <li>Give an organism a name</li> <li>Identify an organism by name</li> <li>Find the similar characteristics between organism</li> </ol>	<p>Complete The Two Dichotomous Key Worksheets</p> <p>Find the Name of the two animals on Pg 168 using the Dichotomous Key</p>
9/22	<p>2.Using the information below, write the scientific name of a dog</p> <ol style="list-style-type: none"> <li>Kingdom: Animalia</li> <li>Phylum: Chordata</li> <li>Class: Mammalia</li> <li>Order: Carnivora</li> <li>Family: Canidae</li> <li>Genus: Canis</li> <li>Species: Familiaris</li> </ol>	<p>Complete The Section Review on Pg 169 in HW Section</p>
9/23	<ol style="list-style-type: none"> <li>Classification puts organisms into _____ based on _____.</li> <li>Classification allows scientists to: Know the _____ of species _____ different groups of species with each other To know the _____ of the members of a species.</li> <li>All organisms in a branching diagram are _____.</li> <li>Organisms that are at the _____ of the branching diagram have _____ of the characteristics listed.</li> </ol> <p>The seven level of classification are: kingdom, _____.</p>	<p>Complete Standardized Test Prep Pgs 180-181 in HW Section</p>

\*\*\*All work will be collected/checked on Monday September 29<sup>th</sup> . No excuses will be accepted for missed work.